

## CHALLENGES ASSOCIATED WITH THE BACK END OF THE MOLTEN SALT REACTOR FUEL CYCLE—PANEL

**Session Organizer: Christina Leggett (NRC)**

### **Panel Discussion**

Over the past few years, molten salt reactors (MSRs) have gained increasing attention among non-LWR technologies. Although the current emphasis is on licensing and potential deployment of MSRs, there are some efforts to address the challenges associated with the back end of the MSR fuel cycle. This panel provides a much-needed discussion of those challenges and will cover the following topics: interim and long-term storage of MSR wastes, transportation, MSR waste forms (including tritium and off-gas waste forms), and the potential impact of online recycling of MSR UNF/SNF.

**Panelists:** *Lou Qualls (ORNL)*  
*Temitope Taiwo (ANL)*  
*David Holcomb (ORNL)*  
*Christina Leggett (NRC)*